



Department of Information Technology

Anca-Juliana Stoica

Academic supervision of degree theses and projects

Degree theses supervision

- Developing a Framework for Declarative Lists Interfaces, Casper Stromberg (UU/TEKNAT)
- A Library of Base Components for Web Applications, Lowe Fredriksson Eklund (UU/TEKNAT)
- Real-Time Object Detection for Autonomous Vehicles using Deep Learning, Roger Kalliomäki (UU/DIT)
- Performance Optimization of the Online Data Processing Software for a High-Energy Physics Experiment, Peter Kardos (UU/DIT)
- Protection of Software by Hiding Information in Video, Karolina Nikamo (UU/TEKNAT)
- Software Cost Estimation Using Mutual Information, Shihai Shi (UU/TU)
- Analogy-Based Software Cost Estimation, Xiaoyuan Chu, (UU/TU)
- Model-Based System Architecting and Software Engineering for Web Application Systems, Leif Hedegård (KTH-2IT)
- Requirements Engineering for Web Application Systems, Luis Martinez Arnal (KTH)
- Web Application System for Applying Teambuilding in a Project, Lena Löfdahl (KTH)
- Secure and Reliable Communication Systems for Grand Public Events, Syed Mushabbar-Sadiq and Maliha Mushabbar (KTH-ICSS)
- System Dynamics Simulation for RUP-Risk Management, Efrain Guerrero Minaya

(KTH- EMIS)

- Computer-Based Supervision of Korsnas Marketing, David Zakrisson (KTH-IT)
- Research on a Dependable E-Invoice Processing System for an Organization, Maureen Lugoloobi-Nalunga and Svetlana Korchounova (KTH-ICSS)
- Analysis and Design of Business Process Interactions and Associated IT Architecture for an IT Service Company, Martin Nilsson (KTH-2IT)
- Designing a Tool for Graphical Threat Modeling using CORAS UML Profile, Vikash Katta (KTH-ICSS)
- Studies for Demonstrating Value in Software System Engineering Projects, Lena Löfdahl (KTH-EMIS)
- Analysis and Evolution of High Definition IPTV Service Policy Management System, Huang Tao (KTH-EMIS)
- Evaluation of Ad hoc Secure Routing Protocols with Simulation, Shahul Ahamed Ali Mohammed (KTH-ICSS)
- Implementation and Comparison of IP Sec Protocols for Secure Data Communication in Ad hoc Networks, Shareeful Islam (KTH-ICSS)
- On-Line Collaborative System for Improved Communication in a Large-Scale Project, Örjan Sternemo (KTH-IT)
- Review and Enhancement of ENCODE's Security Risk Management, Dimitrios Nakis (KTH-ICSS)
- Modeling and Optimization of Information Flows in a Production Process, Xu Ziyi (KTH-EMIS)
- Strategies for Software Testing and Quality Assurance at Project Level, Rezazadeh Faraz (KTH-IS-IN)
- Agile Software Development and Quality Standards, Margus Nael (KTH-EMIS)
- Dependability and Security Analysis Applied for Service Oriented Systems, Yang Jiao (KTH-ICSS)
- Process Framework for Managing OTS System Solutions, Miguel Angel Reyes Aburto (KTH-EMIS)

Student project supervision

- Web Application System for Cost Estimation Based on Use Cases (for company: Jaczone)
- Web-Based Time Reporting System (R2M I) (for company: R2M)
- Web-Based Time Reporting System (R2M II) (for company: R2M)

